



1FW 2182 ✓

## CERTIFICATE OF MAILING

I hereby certify that the below listed items are being deposited with the U.S. Postal Service as first class mail in an envelope addressed to:

**Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450**

on May 5, 2006

Marianne Boland  
Marianne Boland

In Re Application of:

Plourde, Harold J.

Serial No.: 10/005,628

Filed: December 5, 2001

Confirmation No.: 8250

Group Art Unit: 2182

Examiner: Peyton, Tammara R.

Docket No.: A-7446 (191920-1130)

**For: Disk Driver Cluster Management of Time Shift Buffer With File Allocation Table Structure**

The following is a list of documents enclosed:

Return Postcard  
Information Disclosure Statement  
Form PTO-1449  
Prior Cited Art Reference (1)  
Fee Transmittal  
Credit Card Payment Form in the amount of \$180.00

Further, the Commissioner is authorized to charge Deposit Account No. 20-0778 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 20-0778.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Plourde, Harold J.

Serial Number: 10/005,628

Filing Date: December 5, 2001



Confirmation: 8250

Art Unit: 2182

Examiner: Peyton, Tammara R.

Docket No.: A-7446 (191920-1130)

Title: **DISK DRIVER CLUSTER MANAGEMENT OF TIME SHIFT BUFFER WITH FILE ALLOCATION  
TABLE STRUCTURE**

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

05/09/2006 STEUHEL1 00000087 10005628  
01 FC:1806 180.00 DP

Sir:

This information disclosure statement is filed in accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98, and specifically:

- ☐ under 37 CFR 1.97(b), or  
(within Three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- ☒ under 37 CFR 1.97(c) together with either a:  
☐ Statement Under 37 C.F.R. 1.97(e), or  
☒ a \$180.00 fee under 37 CFR 1.17(p), or  
 (After the CFR 1.97(b) time period, but before the final office action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with a:  
☐ Statement under 37 CFR 1.97(e), and  
☐ a \$180.00 petition fee set forth in 37 CFR 1.17(p).  
 (Filed after final office action or notice of allowance, whichever occurs first, but before payment of the issue fee)

- ☐ Enclosed is a check in the amount of \$ .
- ☒ Enclosed is Credit Card Payment Form (PTO-2038) in the amount of \$180.00.
- ☐ Please charge \$ to deposit account .
- ☒ At any time during the pendency of this application, please charge any fees required to Deposit Account 20-0778 pursuant to 37 CFR 1.25. The Commissioner is hereby requested to credit any overpayment to Deposit Account No. 20-0778.
- ☒ Applicant(s) submit herewith *Form PTO 1449A - Information Disclosure Statement by Applicant* together with copies (where required) of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may or may not be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56. As required by 37 C.F.R. §1.98(a), a legible copy of each document is provided.

- ☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on the form PTO 1449 and is enclosed herewith.

The following rights are reserved by the Applicant(s): the right to establish the patentability of the claimed invention over any of the listed documents should they be applied as reference, and/or the right to prove that some of these documents may not be prior art, and/or the right to prove that some of these documents may not be enabling for the teachings they purport to offer.

This statement should not be construed as a representation that an exhaustive search has been made, or that information more material to the examination of the present application does not exist. Any statements or identifications regarding the relevance of any portion(s) of cited references should not be construed as a representation that the most relevant portion(s) have been identified, and the absence of such statements or identifications should not be construed as representations that there are no relevant portion(s). The Examiner is specifically requested not to rely solely on the materials submitted herewith. The Examiner is requested to conduct an independent and thorough review of the documents, and to form independent opinions as to their significance.

It is requested that the information disclosed herein be made of record in this application and that the Examiner initial and return a copy of the enclosed PTO-1449 to indicate the documents have been considered.

Respectfully Submitted,

THOMAS, KAYDEN, HORSTEMEYER  
& RISLEY, L.L.P.

By:

  
David Rodack, Reg. No. 47,034

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Atlanta, Georgia 30339-5948  
Phone: (770) 933-9500  
Fax: (770) 951-0933



Form PTO-1449

Attorney Docket No.  
A-7446 (191920-1130)Serial No.  
10/005,628**INFORMATION DISCLOSURE CITATION***(Use several sheets if necessary)*Applicant  
Plourde, Harold J.Filing Date  
December 5, 2001Group  
2182**U.S. PATENT DOCUMENTS**

| Examiner Initials | Item | Document Number | Date       | Name         | Class | Subclass | Filing Date If Appropriate |
|-------------------|------|-----------------|------------|--------------|-------|----------|----------------------------|
|                   | A    | 6,501,397 B1    | 12-31-2002 | Radha et al. | 341   | 60       |                            |
|                   | B    | 2002/0019984 A1 | 02-14-2002 | Rakib        | 725   | 111      |                            |
|                   |      |                 |            |              |       |          |                            |
|                   |      |                 |            |              |       |          |                            |
|                   |      |                 |            |              |       |          |                            |
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|                   |      |                 |            |              |       |          |                            |
|                   |      |                 |            |              |       |          |                            |
|                   |      |                 |            |              |       |          |                            |
|                   |      |                 |            |              |       |          |                            |
|                   |      |                 |            |              |       |          |                            |

**FOREIGN PATENT DOCUMENTS**

|  |   | Document Number | Date       | Country | Class | Subclass | Translation |    |
|--|---|-----------------|------------|---------|-------|----------|-------------|----|
|  |   |                 |            |         |       |          | Yes         | No |
|  | C | WO 92/22983     | 12-23-1992 | WIPO    | 5     |          | X           |    |
|  |   |                 |            |         |       |          |             |    |
|  |   |                 |            |         |       |          |             |    |
|  |   |                 |            |         |       |          |             |    |

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, etc.)*

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\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

DATE CONSIDERED:

Effective on 12/08/2004  
Fees Pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

## FEE TRANSMITTAL

### For FY 2006

### Complete if Known

|                      |                      |
|----------------------|----------------------|
| Application Number   | 10/005,628           |
| Filing Date          | December 5, 2001     |
| First Named Inventor | Plourde, Harold J.   |
| Examiner Name        | Peyton, Tammara R.   |
| Art Unit             | 2182                 |
| Attorney Docket No.  | A-7446 (191920-1130) |

☐ Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT (\$180.00)**

### METHOD OF PAYMENT (check all that apply)

- ☐ Check 
 ☒ Credit Card 
 ☐ Money Order 
 ☐ None 
 ☐ Other (please identify):
- ☐ Deposit Account 
 Deposit Account Number: **20-0778** 
 Deposit Account Name: **Thomas, Kayden, Horstemeyer Risley, L.L.P.**  
 For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☐ Charge fee(s) indicated below 
 ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) 
 ☒ Credit any overpayments
- under 37 CFR 1.16 and 1.17

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| Application Type | Filing Fees |                      | Search Fees |                      | Examination Fees |                      | Fees Paid (\$) |
|------------------|-------------|----------------------|-------------|----------------------|------------------|----------------------|----------------|
|                  | Fee (\$)    | Small Entity Fee(\$) | Fee (\$)    | Small Entity Fee(\$) | Fee (\$)         | Small Entity Fee(\$) |                |
| Utility          | 300         | 150                  | 500         | 250                  | 200              | 100                  | 0              |
| Design           | 200         | 100                  | 100         | 50                   | 130              | 65                   | 0              |
| Plant            | 200         | 100                  | 300         | 150                  | 160              | 80                   | 0              |
| Reissue          | 300         | 150                  | 500         | 250                  | 600              | 300                  | 0              |
| Provisional      | 200         | 100                  | 0           | 0                    | 0                | 0                    | 0              |

#### 2. EXCESSIVE CLAIM FEES

| Fee Description  | Fee (\$)      | Small Entity Fee(\$) |
|--|---------------|----------------------|
| Each claim over 20 (including Reissues)                        | 50            | 25                   |
| Each independent claim over 3 (including Reissues)             | 200           | 100                  |
| Multiple dependent claims                                      | 360           | 180                  |
| <b>Total Claims</b>  |               |                      |
| -20 or HP =  | 0             | 0                    |
| HP = highest number of total claims paid for, if great than 20 |               |                      |
| <b>Indep. Claims</b>   |               |                      |
| -3 or HP =   | 0             | 0                    |
| HP = highest number of total claims paid for, if great than 3  |               |                      |
| <b>Multiple Dependent Claims</b>                               |               |                      |
| Fee (\$)   | Fee Paid (\$) |                      |
| 0  | 0             |                      |

#### 3. APPLICATION SIZE FEE


If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 USC 41(a)(1)(G) and 37 CFR 1.16(s)

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|--|----------|---------------|
| -100 =       | /50=         | (round up to a whole number) x                   | 0 =      | 0             |

#### 4. OTHER FEE(S)

|   |                                      |                 |
|---|--------------------------------------|-----------------|
| Non-English Specification,              | \$130 fee (no small entity discount) | Fee Paid (\$)   |
| Other: Information Disclosure Statement |                                      | 0               |
|   |                                      | <b>\$180.00</b> |

#### SUBMITTED BY

|                    |   |                                |                                  |
|--------------------|---|--------------------------------|----------------------------------|
| Signature          |  | Registration No. <b>47,034</b> | Telephone Number<br>770-933-9500 |
| Name: (Print/Type) | <b>David Rodack</b>   | Date:                          | <b>5-5-06</b>                    |